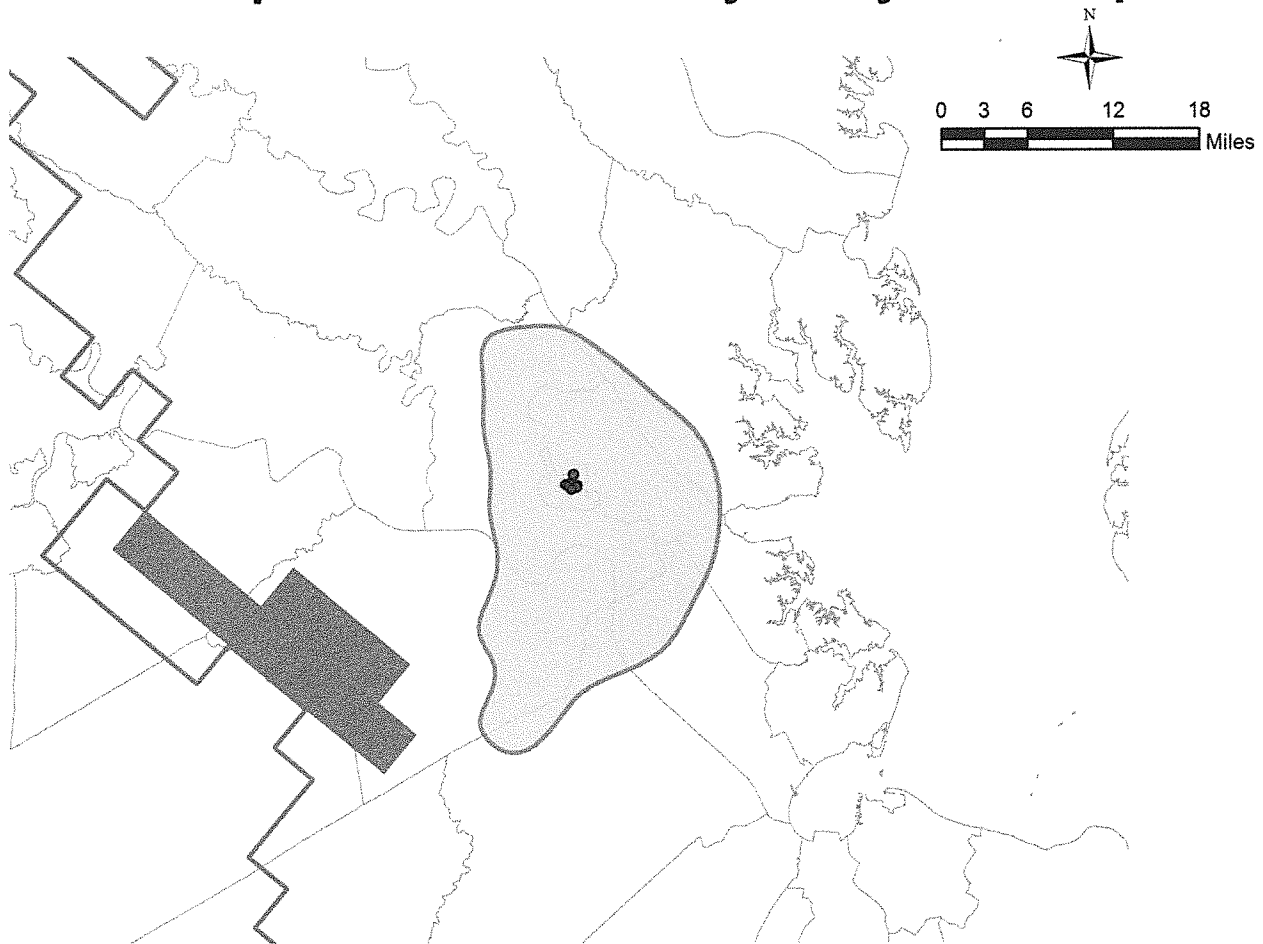





Colonial Williamsburg Area of Impact - Chickahominy-Piney Point Aquifer



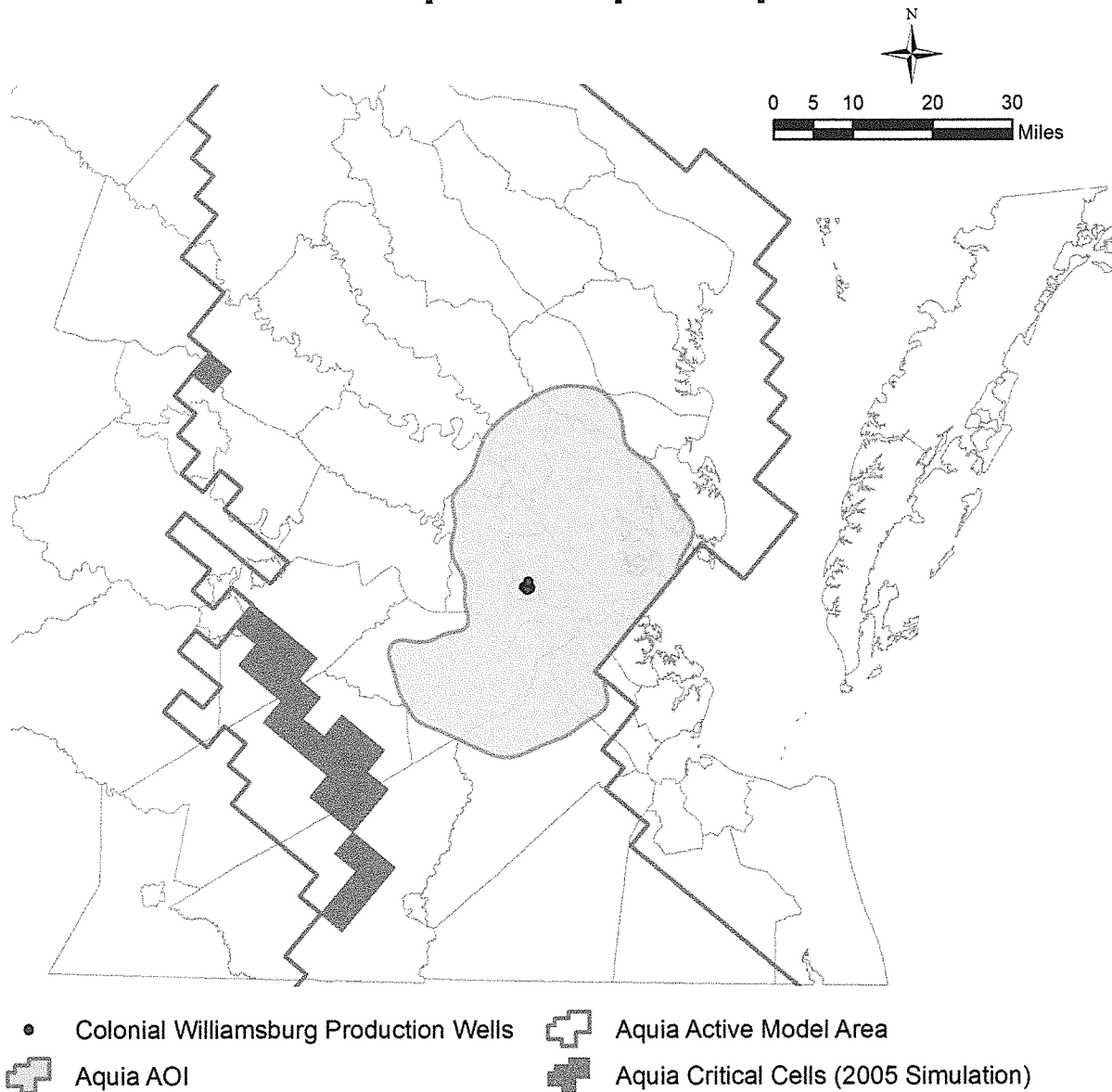
- Colonial Williamsburg Production Wells
-  Chickahominy-Piney Point AOI
-  Chickahominy-Piney Point Active Model Area
-  Chickahominy-Piney Point Critical Cells (2005 Simulation)

Simulated drawdown at or exceeding one foot in the Chickahominy-Piney Point aquifer resulting from a VCPM transient simulation of a 10 year lump sum of 4,100,000,000 gallons simulated for 8 years at 456,000,000 gallons per year followed by 5.96 months at 75,800,000 gallons per month from the Upper Potomac Aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 19.1 miles from the Colonial Williamsburg pumping center.

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Colonial Williamsburg Area of Impact - Aquia Aquifer

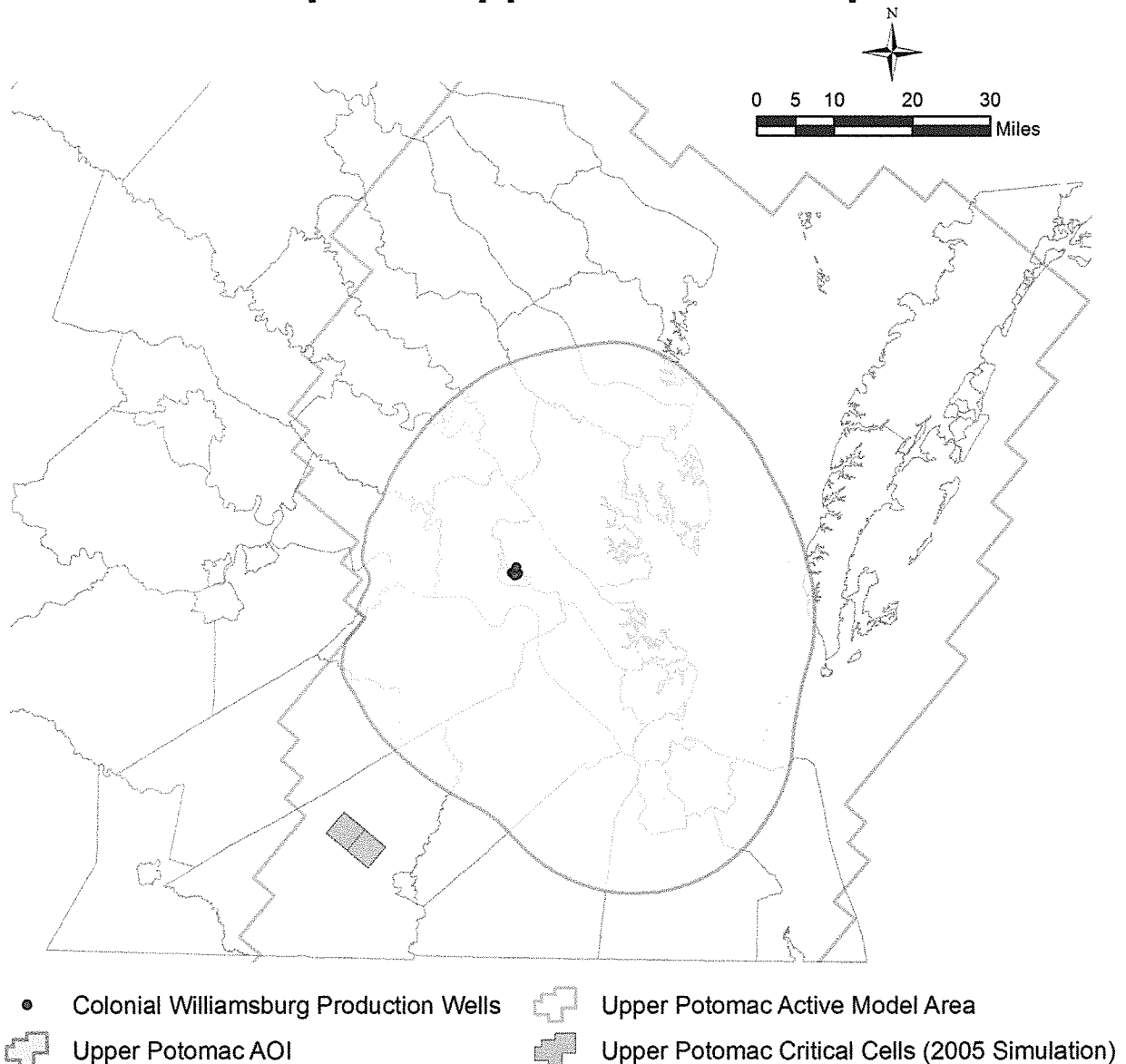


Simulated drawdown at or exceeding one foot in the Aquia aquifer resulting from a VCPM transient simulation of a 10 year lump sum of 4,100,000,000 gallons simulated for 8 years at 456,000,000 gallons per year followed by 5.96 months at 75,800,000 gallons per month from the Upper Potomac Aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 26.5 miles from the Colonial Williamsburg pumping center.

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Colonial Williamsburg Area of Impact - Upper Potomac Aquifer

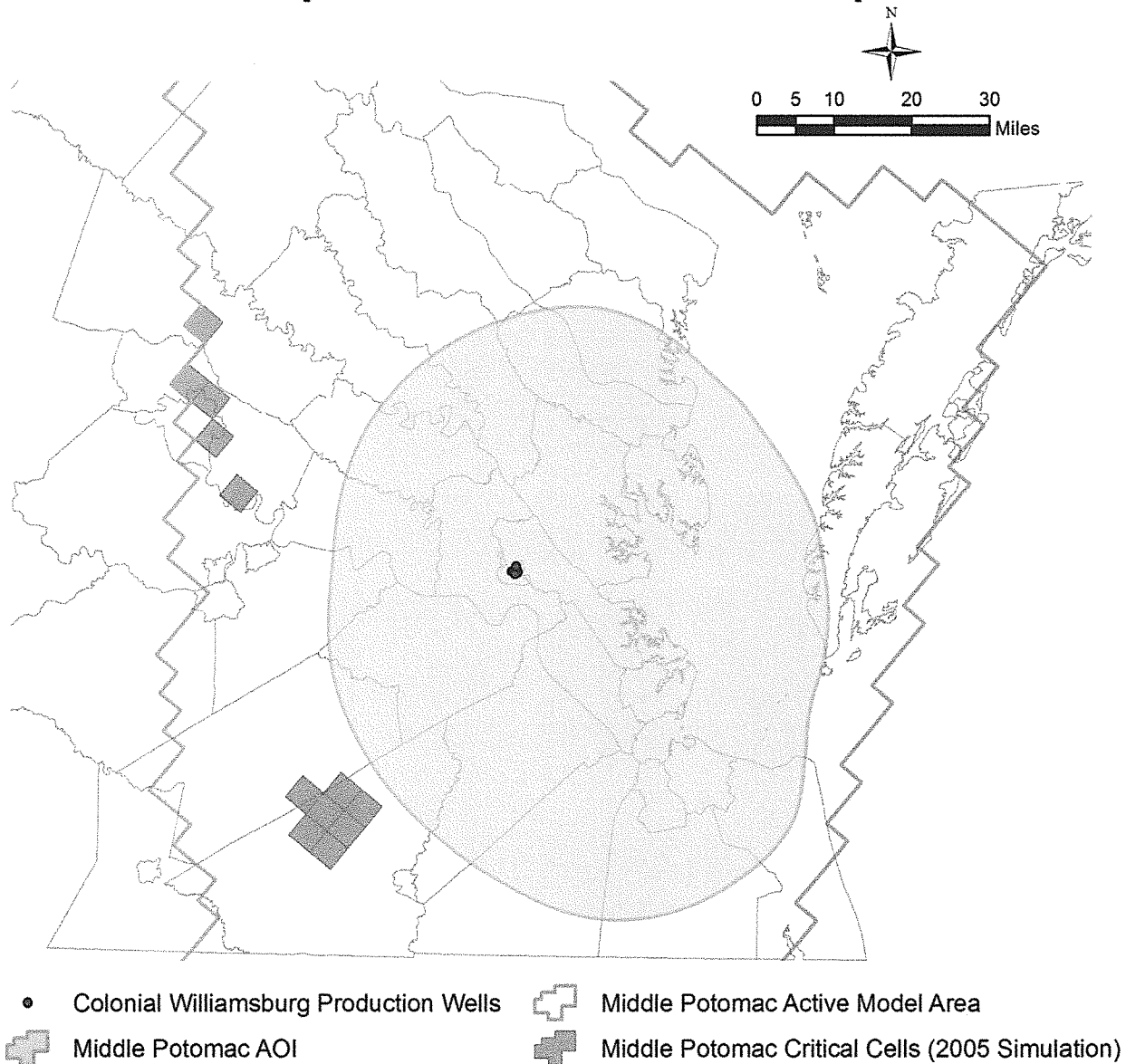


Simulated drawdown at or exceeding one foot in the Upper Potomac aquifer resulting from a VCPM transient simulation of a 10 year lump sum of 4,100,000,000 gallons simulated for 8 years at 456,000,000 gallons per year followed by 5.96 months at 75,800,000 gallons per month from the Upper Potomac Aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 46.3 miles from the Colonial Williamsburg pumping center.

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Colonial Williamsburg Area of Impact - Middle Potomac Aquifer

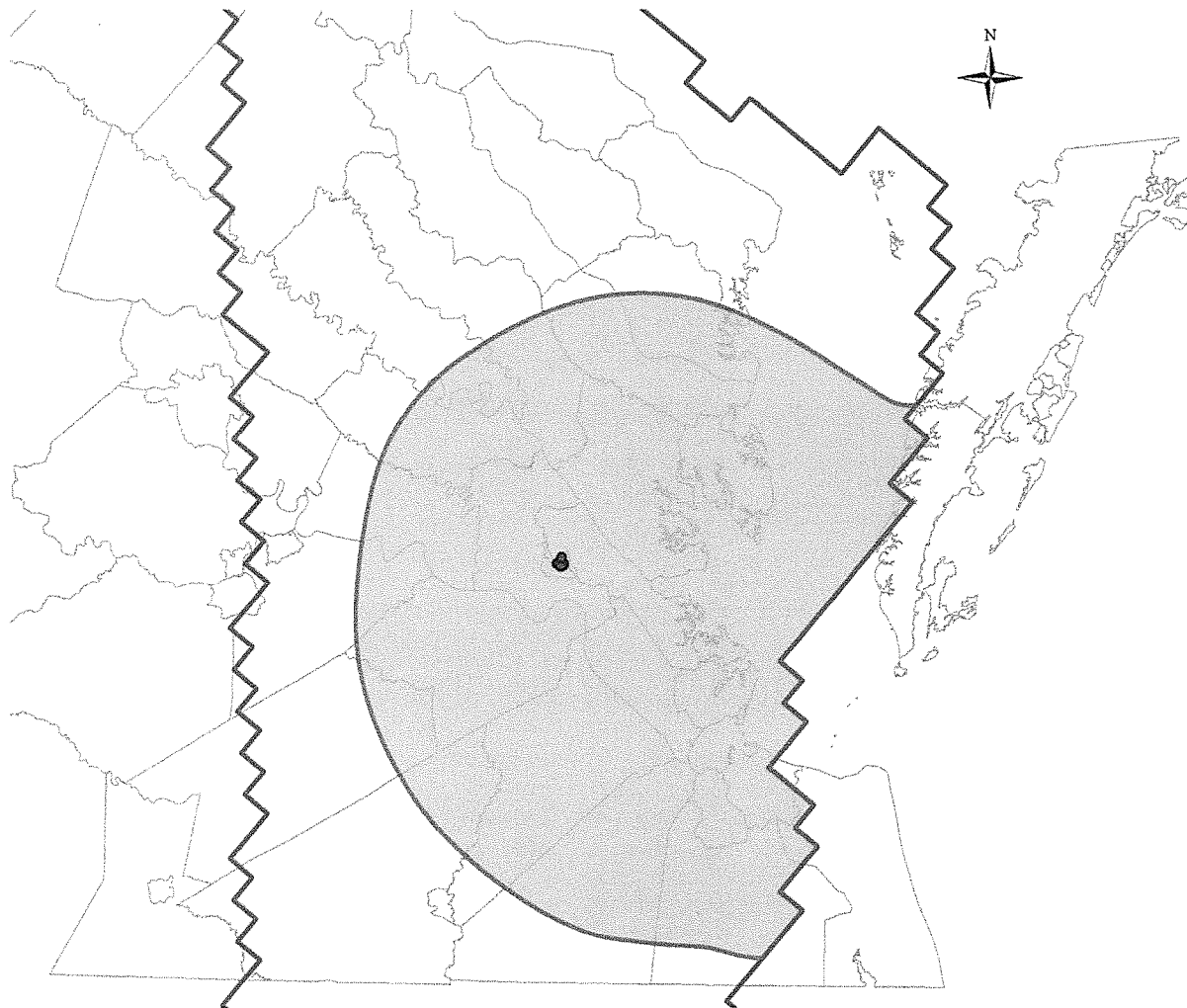


Simulated drawdown at or exceeding one foot in the Middle Potomac aquifer resulting from a VCPM transient simulation of a 10 year lump sum of 4,100,000,000 gallons simulated for 8 years at 456,000,000 gallons per year followed by 5.96 months at 75,800,000 gallons per month from the Upper Potomac Aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 49.2 miles from the Colonial Williamsburg pumping center.

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Colonial Williamsburg Area of Impact - Lower Potomac Aquifer



- Colonial Williamsburg Production Wells

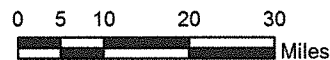


Lower Potomac AOI



Lower Potomac Active Model Area

Simulated drawdown at or exceeding one foot in the Lower Potomac aquifer resulting from a VCPM transient simulation of a 10 year lump sum of 4,100,000,000 gallons simulated for 8 years at 456,000,000 gallons per year followed by 5.96 months at 75,800,000 gallons per month from the Upper Potomac Aquifer. Maximum radius of one-foot drawdown (Area of Impact) occurs 52.5 miles from the Colonial Williamsburg pumping center.



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Supply Planning - June 4, 2012

